

F 10 5 31.

GOVERNMENT OF PALESTINE
Department of Agriculture & Forests.

SUBJECT:

AFFORESTATION

Um Safa Plantation.

24592-1000-500-210-16,11,83-M.P.

CONNECTED FILES

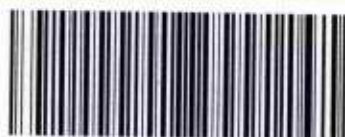
NUMBER

SUBJECT

Map No. F/89 + 90.

8/0/6

Um Safa Forest Reserve No. 55.
Ramallah Sub-District.



שם תיק: Umm Safa Plantation

מזהה פיזי: מ-4175/12

מזהה פריט: 00077hs

תאריך הדפסה: 22/11/2017

כתובת 2-108-5-10-2



F. 10/5/31

(66)

From F.R. Jerusalem - 2-2-37.

8/2/37

(67)

C.C. Why is (66) marked (1)?

2. B.U. 22/2 for further reports & estimates of cost.

H. 9/2

8-2-37

Gus

(68)

Brought up as directed

H. 22/2

C.C.

(69)

Call for report on the various points as indicated

in (66)

24-2-37.

G.H.S.

(70)

Note: Reminded F.R. Yanni & Mr. Saroon to expedite report envisaged in (66).B.U. 1.3.37.

H. 24/2

8/2/37

(71)

Brought up as directed 2/3 H.

(72)

placed in 8/0/6

From Inspector General, Jem. - 4-3-37.

Ref. 70 speaking

13/3/37

(73)

from D.O.S.D. - 15-3-37

(Transferred to F/14/A/11/6.)

(74)

From D.O.S.D. - 19-4-37.

(75)

Letter from A.C.F.S.D. - 23-11-37.

P.T.O.

22/4/37

Gus 27/11.

24-4-37

(62)

to be made

(63)

to be made

(64)

to be made

(65)

to be made

to be made

(66)

to be made

(67)

to be made

(68)

to be made

to be made

GOVERNMENT OF PALESTINE.

75

In  please quote

No. FSD/ 24/5.

Telephone No. 1022.

Telegraphic Address "Forests".

P. O. Box 1167.

DEPARTMENT OF FORESTS.

OFFICE OF THE
ASSISTANT CONSERVATOR OF FORESTS,
SOUTHERN DIVISION,
MAMILLAH ROAD,
JERUSALEM.

24 NOV 1939
10/5/39

23rd November, 1939.

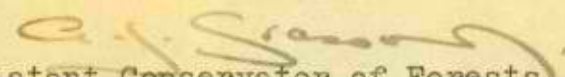
Conservator of Forests.

On the 21st instant, the Forest Inspector and myself inspected the Um Safa plantation. The first view of the plantation from the main road just past Bir Zait leads one to believe that the plantation was not damaged at all and in fact this is the opinion one forms from all glimpses one has of the plantation from the road until one drives into the plantation itself. The first damage noticed is few isolated pines burnt in parcel I, and that the fence near the road has disappeared. The damage is not great there. Then one passes through the Police Station (badly destroyed) into the avenue of cypress trees leading to the Ghaffir's hut. The avenue is almost completely cut and several trees (about 2 dunums) on the left hand side completely cut and burnt (parcel III). Then the partly demolished hut and the completely destroyed kitchen are the next view (damage about LP.60). The greatest success of the season is symbolized by the large dead trees next to the hut and in few other places the trees were killed by ~~fr~~ringing. Then after a tour around the plantation one can notice about 15 other "burns" all small in size not over one dunum. The production in all the burnt areas is good. The fact that the damage is not greater than it really is, is explained by the fact that the gang leaders followed two schools of thought. The one headed by Muhammad 'Omar of Mazarie Nubani who believed that trees should not be cut but protected as shelter. The other headed by Fares el-Azani who insisted on destroying all Government property including trees and buildings, as in this case.

2. The area is now guarded by a Ghaffir who is controlling it and keeping away grazing.

3. It is now intended to start the work by replanting the avenue with cypress, sowing oak acorns in all blanks and cutting all dead and burnt trees. The large dead trees will be sold at Jerusalem and the small burnt. The total cost of these operations will not exceed LP.5.-, for this season. Funds are available from savings in afforestation Gaza.

4. The hut will have to be repaired but it would be better to start on it after the Police have started repairing their Station.


Assistant Conservator of Forests,
Southern Division.

AJG/IK.

1668



61



5

3



4





15/10/12

3

15/10/12

15/10/12

Um Sufa Plantation
as seen from the
Road just past the
Village 22/11/39

The dead pine
trees near the Saphirs Hut
Um Sufa 22/11/39

A dead pine tree
the cypress avenue leading
to the S. Hut & the Saphirs Hut
22/11/39

The Roof of the Saphirs Hut
Um Sufa - a view of the rocky.
22/11/39

Natural reproduction
of pines in burnt areas Um Sufa.
22/11/39

A. J. G.



02



GOVERNMENT OF PALESTINE.

74

In reply please quote

No. FSD/ 8

8

Telephone No. 1022.

Telegraphic Address "Forests".

P. O. Box 1167.

DEPARTMENT OF FORESTS.

OFFICE OF THE
ASSISTANT CONSERVATOR OF FORESTS.
SOUTHERN DIVISION.
MAMILLAH ROAD,
JERUSALEM.

19th April, 1937.

Conservator of Forests.

I attach hereto a report submitted to me by Forest Surveyor on Um Safa Plnatation for your information , please.

Samir Dand
DIVISION OFFICER
SOUTHERN DIVISION.

3 copies attached for insertion in your files
Nos. 8/U/6/1, 8/U/6 and 10/5/31.

3792

Subject: Report on Um Safa Plantation Compartments.

On 7.4.37 I proceeded to Um Safa together with A.C.F. and F.R. Jerusalem.

The Um Safa Forest Reserve comprises of two localities named Khalet Amer and Kurnet Ain el-Kawabish. I tried to divide each locality into two compartments forming altogether 4 compartments.

Khalet Amer Locality was divided by a line running from ~~xx~~ south to north from a point forming an angle at a distance of 65 meters westwards of rock mark 16/U as far as rock mark 26/U.

The western part consists of 108 dunams forming nearly a regular square and is almost flat and its inclination is from south west to north east.

The eastern part consists of 105 dunams and has an irregular oval shape with a long axis from south to the north. The area has an inclination from the south to the north.

Kurnet Ain el-Kawabish Locality was divided into two compartments by a straight line running from rock mark 6/U to rock mark 31/U from south to north. The all area is a small hill and the top of the hill lies in the western part descending slowly towards the east. The western part consists of 92 dunams while the eastern part is of 97 dunams. The western part is a rectangular square with the top of the hill in the middle while the eastern part forms a triangle the base of which is the above mentioned compartment ^{line} and its pivot is in the east at the point 1/U which is near the cross-roads. The lines were formed by heaps of stones laid down at a distance of 40 meters each and they will have to be whitewashed by the Ghaffir.

Rock marks were repainted and new sign boards inserted.
area of the

Police Post. I also checked the land allotted to the Police Post and on 8.4.37 I pointed out the forest boundary between



rock marks 7/U, 8/U and 9/U to the Surveyor of the Lands Department and we surveyed together the exact area taken over for the police post. The eastern boundary will be demarcated as soon as the map will be ready showing the two durnams allotted for the Police.

Maps showing in detail the boundaries are attached hereto viz. map NO.F/144 and map No.L.D. 135/37.

FOREST SURVEYOR
SOUTHERN DIVISION.

[Signature]

18.4.37.

*Copy placed
in 8/11/6/1*

(66)

IN REPLY PLEASE QUOTE
NO. F/7/2.

Government of Palestine.

Department of Forests.

OFFICE OF THE FOREST RANGER,
Jerusalem



Date 2nd February 1937

Subject: Inspection of Um SAFA.

Conservator of Forests,
Theo, Division Officer S.D. *

On the 30.1.37 I inspected for the first time Um-Safa plan-
tation together with you and Assistant Conservator Pharaon.

2. Afforestation.

(a) A great part of the new plants died out as the seedlings
were small and had no strength to ^{resist} ~~support~~ the easterly cold
winds and the heavy rains. Some of the new pits were deep and
therefore covered with mud out of the rains , and I explained
to the Ghaffir how to uncover them, there are also still some
blanks to be planted.

(b) The most suitable plant to be planted in this locality is
the Pinus ~~hal~~alepensis as will be observed from such plants plan-
ted there in previous seasons.

(c) There are some insects on the large trees and the Ghaffir
was instructed that whenever the affected branch is low he
should cut it and burn it but if the affected branches are
high then only the insect should be burnt.

(d) Wherever two plants together were planted he should cut
down the weaker . The plants near his hut should be tied
supporters so that they would grow nicely.

3 Boundary Marks:

Numbers is unclear, should be repainted, a few of Rock
Marks are disappeared and I shall arrange with the Surveyor
to arrange them again.

4. Signboards.

Should be repainted.

3240

Date: 1948

Subject: [Illegible]

[Illegible]

[Illegible]

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5. Ghaffir's Hut:

Living room is in good condition but the ceiling is covered with moisture and I have instructed the Ghaffir to repair the roof. The second room must be plastered and the roof and floor repaired.

An estimat of costs will be submitted later.

The Hut is kept in good condition and clean.

J. Yanni
Forest Ranger
Jerusalem.

5. Shellin's Hut:

Living room is in good condition but the ceiling is covered with moisture and I have instructed the Shellin to repair the roof. The second room must be plastered and the roof and floor repaired.

An estimate of costs will be submitted later.

The hut is kept in good condition and clean.

Forest Ranger
Jerusalem.

Cost of Fencing of Umm Safa Plantation.

Date of Fencing: 29.1.35.

Length of Fencing: 460 meters.

Short Description: Iron posts 1.80 meters high concreted into the ground at a depth of 45 cms. x 30 cms. x 30 cms. at an interval of 5 meters with 2 supports at each corner and one support every tenth post. 5 rows of barbed wire.

Article	Unit	Cost Per Unit Mils	Total £P.Mils	Grand Total £P.Mils	Remarks.
Fencing iron	103	0.0937	9.651		
Pickets	10	0.020	0.200		
Barbed wire (reels)	10	0.395	3.950		
Binding wire (bundles)	1	0.050	0.050		
Cement (bags)	4	0.180	0.720		
Gravel (m ³)	2	0.320	0.640		
Screws	10	0.0025	0.025		
Tin	4	0.020	0.080		
Rope for water	1	0.040	0.040	15.356	
<u>Labour.</u>					
Cutting and punching	103	0.006	0.618		
Bending supports	8	0.025	0.200		
Erecting fence (meters)	460	0.025	11.500	12.318	
<u>Transport.</u>					
From Jerusalem to Um Safa of fencing materials.			1.400		
Transport of gravel from Ramallah to Umm Safa.			0.700		
Transport of materials and gravel from the main road to the spot.			0.750		
Transport of water.			0.300	3.150	
				<u>£P30.824Mils</u>	

Cost per meter 67 mils.

Copy to: Um Safa Plantation File..

10/5/31

F/10/5-2224

8th November, 4.

:- Afforestation 1934/35 - Planting
Scheme - Um Safa - Approval for
Expenditure.

Forest Ranger, Jerusalem.

The following is the approved planting scheme
for this area this season : -

i. Name and Situation.

Um Safa, Ramallah Sub-District.
Forest Reserve No.35 - Kurnet Ain El-Kawabish.

ii. Area.

The total plantation area is 402 dunams.
The area to be replanted is 117 dunams (shown in blue
on map attached).
The area for new planting is nil.

iii. Protection.

The area will be protected by : EP.Mils

- (a) Resident Ghaffir paid against item afforest-
ation @ EP.3 p.m. for 5 months - 1.11.34
to 31.3.35. 15.000
- (b) Fencing from R.M.23/U to R.M.24/U = 145 metres
" " " 1/U " " 3/U = 250 "
395
Erection of fencing @ 20 mils per metre run
for 400 metres including labour and concrete 8.000
Fencing materials will be supplied direct
from headquarters stock, ready holed.
- (c) Buildings: Repair and plastering of Ghaffir's
hut and store. 5.000

iv. Plants and Seeds.

Pinus halepensis 14,500 from Um Safa nursery.
Cupressus 3,700 " " " "
Pinus pinea seed 10 kilos from Forest Ranger, Acre.

v. Preparation of Soil.

18,000 holes @ 600 mils per 1,000. 11.000
Seed lines and seed spots. 0.500

vi. Transport of Plants.

From nursery to planting holes. 2.000

Carried Forward: 41.500

POSTED PAGE

1914-1915
1916-1917
1918-1919

1920-1921

1922-1923

1924-1925

1926-1927

1928-1929

1930-1931

1932-1933

1934-1935

1936-1937

1938-1939

1940-1941

1942

1943

1944

1945

1946

1947

1948

1949

1950

1951

1952

1953

1954

Brought Forward: 41.000

vii. Planting and Sowing.

Planting 18,000 plants @ 600 mils per 1,000. 11.000
Sowing of 10,kilos of seed. 0.500

viii. Hoeing 20,000 plants planted 1933/34.
Hoeing 1st 18,000 " " 1934/35.
38,000 @ 300 mils per 1,000. 12.000

Hoeing 1st: To be completed by 10th March.
Hoeing 2nd: To be done on 1934/35 estimates
for 18,000 plants.

ix. Contingencies.

Collection of tins, etc. only to be expended if
necessary at the completion of planting and
sowing operations. 1.000
Total: EP.66.000

For your information the amount spent at
this plantation from 1924 to 1934 was EP.801.

Sgt. F. J. Lewis

DEPUTY DIRECTOR.

Encl:1.
MS.

Copy to: F/10/5/31. ✓

12th April, 1932.

Subject :- Afforestation Progress Report
on Um Safa Plantation 1931/32.
Reference:- Your F/9 of 18th March, 1932.

Deputy Director.
-----1. Description of the Locality.

In the west of Um Safa village, Ramallah Sub-District, the natural trees of *Pinus halepensis*, *Quercus*, *Arbutus* and *Pistacia* are now at the height of 3-6 meters and the trees of *Pinus halepensis*, *Pinus pinea* and *Cupressus*, recently planted in 1926/31 are heavily covering the top of a little high mountains of Kurnet Ain El-Kawabish and Khallet Ain Amer, Forest Reserve No. 55.

11. The trees planted in 1930 are in good condition and are doing very well.

111. Weather Conditions.

The weather condition was warm specially during September and some trees, planted during 1930/31 season dried up.

The weather during 1931/32 season was unfavourable and the rain with long intermission and some of *Pinus halepensis* trees, planted during December, 1931 dried up in the new planted area.

The rainfall during 1931/32 in Bir-Zeit as follows:-

Month	m.m.	No. of Days.
November, 1931	27	2
December, 1931	129	6
January, 1932	96	9
February, 1932	164	9
March, 1932	17	2
T O T A L	433	28

1V. The replanted area is about 132 metric dunnums, planted with 4000 plants during the year 1930/31 at Khallet Ain Amer.

The newly planted area is 81 metric dunnums, planted with 16500 plants. 20 dunnums were sown by with *Pinus pinea* seeds at Kurnet Ain El-Kawabish.

V. Operations.

During the month of July, 2 labourers had repaired the road from the main road to the guard's house. 5 labourers cleared 85 dunnums from Potarium and/

12.12.29
1 F.O. 220
FA &
Sd M. J.

and Salvia during September & November. 6 labourers had dug 18500 holes during the month of November in order to aerate and take in the first rains. No fencing was done except the stone marks. This area is guarded by Rashid Mansur, unmounted forest guard, Um Safa and a labourer assists him from time to time. 18 labourers of Um Safa, Nabi Saleh, Kober and Deir el-Sudan were employed for the planting.

The planting season has started on the 9th up to 17th December and from 26th up to the 30th January, 1932 after the heavy rains, and 19500 trees planted during the month of December and 2000 trees during January, 1932. All the trees planted at the plantation were brought from the flying nursery at Um-Safa and 35 walnut trees brought from Jerusalem.

The plants in half tins were transported by the labourers and very carefully were taken out from half tins without soil (naked roots) and were put in the holes, covered with loose soil and pressed in with fingers.

The following trees were planted:-

Kind	No.	Description	size	Value £P.mils
Pinus halepensis	11000	In half tins	20-30	55.000
Cup. pyramidalis	3500	do	25-40	17.500
" horizontalis	5000	do	20-40	25.000
" pyramidalis	2000	do	10	2.000
Walnuts	35	In beds	25-30	0.350
Robinia ps.acacia	700	In beds	15	1.400
Schinus molle	311	do	15	0.780
Ailanthus	700	do	20	1.400
Acacia cyanophylla	570	do	20	1.140
T O T A L	23816			104.570

Area of 20 dunnams were sown with 75 kgs. of Pinus pinea seeds brought from Syria after soaking the seeds 24 hours. This area was ploughed by the cows and the seeds were sown by labourers during December.

Cost of ploughing & sowing = £P.4.500 mils
Cost of seeds = 4.500 "

The first hoeing and weeding was done during the 1st week of March and 10 labourers were employed.

A Flying Nursery has been organized at the spring of Kurnet Ein el-Kawabish in the plantation and will supply all the trees necessary for the plantation. An unmounted forest guard at £P.5.000 monthly is in the charge of the plantation and the nursery, some labourers will be employed from time to time.

The following trees were taken from the nursery to the plantation:-

Pinus halepensis	11448
Cupressus pyramidalis	7030
" horizontalis	9000
Schinus molle	500
Robinia acacia	700
Ailanthus glandulosa	700
Acacia cyanophylla	650

and being during September & November. 6 labourers had dug 18500 holes during the month of November in order to get the seeds in the first rains. No fencing was done except the stone marks. This area is guarded by Rashid Mansur, mounted forest guard, Um Saleh and a labourer assist him from time to time. 18 labourers of Um Saleh, Nadi Saleh, Kober and Dair el-Saban were employed for the planting.

The planting season has started on the 3rd up to 17th December and from 25th up to the 30th January, 1933 after the heavy rains, and 18500 trees planted during the month of December and 2000 trees during January, 1933. All the trees planted at the plantation were brought from the flying nursery at Um-Saleh and 35 walnut trees brought from Jerusalem.

The plants in half line were transported by the labourers and very carefully were taken out from half line with out soil (naked roots) and were put in the holes, covered with loose soil and pressed in with fingers.

The following trees were planted:-

Kind	No.	Description	Size	Value £P. Mils
<i>Pinus halepensis</i>	11000	In half line	20-30	25.000
<i>Q. pyramidalis</i>	3500	do	25-40	17.500
<i>" horizontalis</i>	3000	do	30-40	25.000
<i>" pyramidalis</i>	2000	do	15	2.000
<i>Kalmia</i>	35	In beds	25-30	0.350
<i>Rosa sp. rosae</i>	700	In beds	15	1.400
<i>Sorbus mollis</i>	211	do	15	0.783
<i>Alnus</i>	700	do	20	1.400
<i>Acacia cyanophylla</i>	570	do	20	1.140
TOTAL	23816			104.570

Area of 20 dunams were sown with 75 kgs. of pine seeds brought from Syria after soaking the seeds 24 hours. This area was ploughed by the cows and the seeds were sown by labourers during December.

Cost of ploughing & sowing = 25.4.500 mils
Cost of seeds = 4.500 "

The first hoeing and weeding was done during the last week of March and 10 labourers were employed.

A flying nursery has been organized at the spring of Kinneret and el-Kawash in the plantation and will supply all the trees necessary for the plantation. An unmounted forest guard at 25.000 monthly is in the charge of the plantation and the nursery, some labourers will be employed from time to time.

The following trees were taken from the nursery to the plantation:-

<i>Pinus halepensis</i>	11448
<i>Quercus pyramidalis</i>	7030
<i>" horizontalis</i>	3000
<i>Sorbus mollis</i>	300
<i>Rosa sp. rosae</i>	700
<i>Alnus glauca</i>	700
<i>Acacia cyanophylla</i>	550

The following trees issued to Govt. Schools at Ramallah Sub-District:-

Pinus halepensis	81
Cupressus	38
Shinus molle	74

The following seedlings were transplanted during the 1st season of the year 1932:-

Pinus halepensis	1200
Cupressus	12000

The expenditure at the nursery as follows:-

Labourer	Purchase of tins	Transport	Manure	Miscellaneous	General repair
£P.mils	£P.mils	£P.mils	£P.mils	£P.mils	£P.mils
6.000	10.000	1.350	2.520	0.346	6.515

The rent of the nursery for the year 1931 is one Palestine pound only.

VI. The germination of seeds at the nursery is well, but some seedlings of Pinus halepensis dried up from the cold weather during February.

5% of Pinus halepensis and Cupressus trees, planted during December dried up and 95% of other trees are doing well. Few trees were dried up from the hot winds of September, 1931.

VII. Expenditure.

Digging holes	£P. 9.600	mils
Clearing land	7.500	"
Planting trees	17.100	"
Hoeing trees	7.000	"
Repairing road	1.600	"
Value of trees at nursery	99.500	"

T O T A L 144.300
=====

VIII. Administration.

The plantation was under the supervision of an unmounted forest guard, Ramallah and Forest Ranger, Jerusalem. The labourers were employed from the Um Safa, Nabi Saleh, Deir el-Soudan, Kobar and Jibia villages at the rate of 100 mils each daily.

Sauli Durg
FOREST RANGER, JERUSALEM DISTRICT

The following trees taken to Govt. Hospital
 as follows:-

Pinus nepalensis	81
Cupressus	36
Shinus molle	74

The following seedlings were transplanted
 during the last season of the year 1931:-

Pinus nepalensis	1200
Cupressus	1200

The expenditure at the nursery as follows:-

Labourer	Rs. 10.00	Rs. 10.00	Rs. 10.00	Rs. 10.00	Rs. 10.00
Transport	Rs. 1.00	Rs. 1.00	Rs. 1.00	Rs. 1.00	Rs. 1.00
Miscellaneous	Rs. 0.50	Rs. 0.50	Rs. 0.50	Rs. 0.50	Rs. 0.50
General	Rs. 0.50	Rs. 0.50	Rs. 0.50	Rs. 0.50	Rs. 0.50
Repair	Rs. 0.50	Rs. 0.50	Rs. 0.50	Rs. 0.50	Rs. 0.50

The rent of the nursery for the year 1931 is
 one rupee and only.

The germination of seeds at the nursery is well,
 but some seedlings of Pinus nepalensis died up from the cold
 weather during February.

3% of Pinus nepalensis and Cupressus trees, plant-
 ed during December dried up and 3% of other trees are doing
 well. Few trees were dried up from the hot winds of September,
 1931.

VII. Expenditure.

Digging holes	Rs. 0.50
Clearing land	Rs. 0.50
Planting trees	Rs. 1.00
Hoing trees	Rs. 0.50
Repairing road	Rs. 1.00
Value of trees at nursery	Rs. 99.50

TOTAL
 104.50

VIII. Administration.

The plantation was under the supervision of
 an appointed forest guard, Hemalish and Forest Ranger,
 Jorhala. The labourers were employed from the Um Sals,
 Nadi Sals, Dali el-Souman, Kobar and other villages at
 the rate of 100 miles each daily.

FOREST MANAGER, JORHALA DISTRICT

F/60

53

FORESTRY SECTION,
JERUSALEM.
3rd November, 1931.

Subject :- Progress Report on Um Safa
----- Plantation, 1930/31.
Reference:- Your letter No. F/9 dated
----- 22nd September, 1931.

Deputy Director.



1. Description of the Locality.

In the west of Um Safa village and on the road from Ramallah to the western villages, then to the Atroun, at kilo 19, in the north of the road, the natural trees of *Pinus halepensis*, *Quercus*, *Arbutus* and *Pistacia terebinthus* are now from 3-6 meters high, and the trees of *Pinus halepensis*, *Pinus pinea* and *Cupressus*, recently planted in 1926/29 are heavily covering the top of a little high mountain. The natural trees in the west of this mountain are very few, but the trees of *Quercus*, *Pinus halepensis* and *Cupressus* planted in 1929/31 are abundant and the soil is thick & very good. The name of this forest is "Kurnet Ain El-Kawabish and Khallet Ain Amer" the Reserve Forest No. 55, declared on 1.4.27. it is 402 dunums approx. The house of the ghaffir is built on Khallet Ain Amer. It is not fenced with wire only demarcated by stone marks.

2. The trees planted in 1930 are in good health and growing very well. The Potarium and the foreign grasses, between the trees were uprooted. Last weeding of the trees was done in the beginning of last summer and the holes were dug for the 1930/31 planting. A large area of Khallet Ain Amer was cleared by a person of Deir Nizam village, who encroached the forest & a case was raised against him.

3. Weather Conditions.

The weather conditions were good during the winter season, but in summer season was warm, specially during September, and very few trees had dried up.

The rainfall during 1930/31, in Beer-Zeit as follows:

Month	mm.	No. of days
November, 1930	63	6
December, 1930	109	7
January, 1931	228	9
February, 1931	130	7
March, 1931	53	3
April, 1931	32	3
TOTAL	615	35

D. B. 21
J. F. 21
FA. 21
Sch. 21

...and no other...

4. Area Planting & Sowing.

The area replanted about 52 met.dunnums, it planted during the year 1929/30 at Khamlet Ain Amer and 20 met.dunnums planted during the year 1928/29 at Kurnet Ain El-Kawabish. The area recently planted is 60½ met.dunnums.

No seeds have been sown during 1930/31.

5. Operations.

33000 holes were dug during the month of October in order to aerate and take in the first rains and the land was cleared from Potarium & Salvia.

No fencing was put up except the stone marks. This plantation is guarded by an unmounted forest guard and a labour assists him from time to time. 34 labourers were employed for the planting from Um Sufa, Nabi Saleh and Deir el-Soudan villages, Ramallah S/D.

The planting season has started on the 11th December, 1930 after the heavy rains, and the area planted is 61½ met.dunnums, planted with Pinus halepensis, Pinus pinea and Cupressus which brought from the Flying Nursery and the Pinus halepensis & Acacia robinia which brought from J'lem Headquarters.Nursery.

The Pinus halepensis brought from J'lem were packed with their soil (in papers), put in boxes and were transported by car in the afternoon of the first day and planted in the morning of the second day. The Acacia were transported in half tins.

The plants, very carefully, were taken out from the half tins and with their soil, were carefully put in the holes without touching the roots, covered with loose soil and pressed in with fingers.

The following trees were planted:-

Kind of Plant	No.	Description	Size	Value LP.mils
			in mm:	
P. halepensis	11400	In half tins	25-30	57.000
" "	4000	" " "	15-20	05.000
" "	4500	In beds	15-20	12.500
Pinus pinea	2000	" "	15-20	10.000
Cup.sempervirens	1980	In half tins	30-40	9.900
" "	1440	In beds	20-25	5.000
T O T A L	25320			99.400
Pinus halep.	7000	from bed	15-20	35.000) from
Rob.ps.acacia	680	In half tins	15-25	3.400) J'lem
				Nurs- ery.
Grand total	33000			137.800

the plants, very certainly, were taken out from the bell line and with their soil, were certainly put in the holes without covering the roots, covered with the soil and pressed in with the soil.

The following orders were given:-

- 3 -

The first weeding and hoeing was in February & the second was in March. 27 labourers were employed.

A Flying Nursery has been organized at the spring of Kurnet Ain El-Kawabish in the north of the plantation. It is $\frac{1}{2}$ dunnum, and will supply all the trees necessary for the plantation. An unmounted forest guard at LP.5.000 monthly is in charge of the plantation and the nursery, some labourers will be employed from time to time.

VI. Germination of seeds.

The germination of seeds at the Flying Nursery is very well, and the growing of plants at nursery and plantation is excellent. 5-10% of the trees brought from Um Safa flying nursery had dried up. 15-20% of the trees of Pinus halepensis brought from Jerusalem had dried up, and about 60% the Rob.ps.acacia had dried up. Few trees were dried up by the hot winds of September.

VII. Expenditure.

Digging holes	LP. 26.400	mils
Planting trees	23.880	"
Repairing house	7.000	"
Hoeing trees	31.400	"
Repairing roads	1.600	"
Value of trees at nursery	137.800	"
packing trees	0.720	"
Transport of trees from Jerusalem to Um Safa.	3.500	"
	232.300	=====

VIII. Administration.

The plantation was under the supervision of an unmounted forest guard, forest ~~garden~~ ^{guard} Ramallah and the Forest Ranger.

The labourers were employed from the villages of Um Safa, Deir el-Soudan and Nabi Saleh at the rate of 100 mils each daily.

Sulhi Dawud
FOREST RANGER,
JERUSALE-HEBRON-RAMALLAH S/D.

DEPARTMENT OF AGRICULTURE
AND FORESTS.
JERUSALEM

23rd October, 1931.

Subject :- Planting Scheme 1931/32 -
Government Plantations.

ALL FOREST RANGERS.

Please reserve plants as shown on the
attached list of nursery stock. The plants will
be planted in areas shown on map of the plantation
as referred to in the enclosed schedule.

2. Holes should be dug at once.

3. Plants other than *Pinus halepensis* are
to be distributed in mixture throughout the
plantation.

4. Planting is to be effected as soon as
3 inches of rainfall have fallen and in accordance
with this office Technical Circular No.19 dated
10th August, 1931.

F. J. TEAR

DEPUTY DIRECTOR.

Copies to the respective
plantation files.

Encl:-

FOREST RANGER,
JERUSALEM.

16/9/15
Subject: Scheme of Planting in Um Safa
Plantation - 1931-32.

The undermentioned planting scheme will be given
effect:-

Um Safa - Kurnet Ain El Kawabish.

Reference map No. 144 inspected on 22.9.31.

(1) Khallet Ain Amer. Plot No. 1 which is 81 dunams of which 30 rocks - 50 dunams to be planted - 13000 plants are required. Plot No.2, 2(a) to be replanted, the rest interplanted. About 3000 plants are required. Plot No. 3 to be interplanted - 1000 plants are required, pine seedlings to be used. Plot No.4 to be interplanted, 1000 plants are required. Plot No.5 no planting required. Plot NO. 6 to be replanted. About 500 plants are required.

2). Kurnet Ain El Kawabish. About 20 dunams to be sown with *Pinus pinea* seed.

Plants available at Um Safa Nursery.....	22000
Plants to be planted in the Um Safa Plantation	18000
Area to be planted	72 dunams.
Cost of digging holes, transport and planting - LP.1.250 per 1000 trees.	
Total cost of planting	LP.25.000
Area to be sown with <i>Pinus pinea</i> - 20 dunams	
Cost of preparing ground and sowing - 300 mils per dunam.	
Total cost of sowing	LP. 6.000
80 kilos of <i>Pinus pinea</i> seed will be supplied from these Headquarters (4 kilos per dunam)	
Less balance available at 1st October	LP. 4.000
Amount authorised.....	LP.27.000

UM SAFA NURSERY .

Species	No. Available.	No. to be issued to Um Safa Plantation	Balance. .
Pinus halepensis	11,448	10,000	1,448
Cupressus Pyramidalis	3,580	3,580	-
Cupressus horizontalis	5,000	5,000	-
Schinus molle	500	-	500
Robinia pseudoacacia	700	700	-
Ailanthus glandulosa	700	700	-
Acacia cyanophylla	650	650	-
Cupressus pyramidalis	3,450	-	3,450
Cupressus horizontalis	4,000	-	4,000
			9,398

1st October, 1929

F/10/26-

Subject: Plant Introduction.

Inspector of Agriculture & Forests,	N.C.
" " " " "	S.C.
S/ " " " "	J'lem
S/ " " " "	Gaza.
<u>Station Superintendents .</u>	

All Plant introduction proformae Ag/F/26 which were forwarded to you during 1929 should be completed and returned to this Office not later than the 15th October, 1929. Proformae should also be completed for those exotics sown in your nursery which were not despatched by this Office.

Attached find a list of seeds despatched to you during 1928/29.

J. J. L.
DEPUTY DIRECTOR OF
AGRICULTURE & FORESTS.

DY.

18(9)

LIST OF SEED SOWN DURING 1928/29

at UM SAFA NURSERY .

Serial No.	Name of Seed	Quantity	How and from whom obtained.
1 $\frac{1}{2}$	Pinus halepensis	80 ozs.	A.Gruenwald, C.A.I. 2939 I.V. 54582

18/81

LIST OF THE SEEDS OF THE 1880'S

at the U. S. ARMY

for the year 1881

quantity

of seed

to

of the year 1881

of the year 1881

of the year 1881

of the year 1881

Ag/42/2/34



SOUTHERN INSPECTORATE OF AGRICULTURE
JERUSALEM OFFICE
JERUSALEM.

September 1929.



Deputy Director of Agriculture
and Forests,
Jerusalem.

Subject : Afforestation 1928-29 - Progress
Report - Um-Safa.

Um-safa plantation is improving, 1927-28
plantings have done well, a large percentage has
taken excepting the acacias and some seedlings
transplanted from beds.

Weather conditions:

The weather conditions were very favourable.
According to records taken at Bir-Zeit which is near
the forest in question about 1006 mms of rain fell in
41 rainy days.

Planted areas:

Pinus halepensis	40	Dunams
Acacia cyanophylla	40	"
C. Sempervirens	10	"

	90	Dunams.

Area sown:

Pinus pinea ~~about~~ sown ~ 30 Dunams.

Operations:

The work was carried out on the same lines
as that done on previous years. The planting started
after the heavy rains from 5-8th. of December 1928.

The trees were taken from Um-Safa Nursery
and Jerusalem Nursery.

MCA
2/11
29

The following trees were planted:

Kind of Trees	No.	Age.	Size	Cost of trees
P. halepensis.	9500	1 year	20-25	47.500
A. Cyanophylla.	9700	6 months	25	48.500
C. sempervirens.	1200	6 months	30	6.000
Total.	20400			102.000

Only 5 kilos of seeds were sown to re-fill the blanks over an area of 30 dunams.

Results:

The pines have done very well. Many of the acacias have dried up, mostly those transplanted from beds. A number of the pinus pinea seedlings are doing well.

Expenditure:

	LP.Mils.
Digging holes	6.300
Planting and sowing	5.200
Cost of trees	102.000
Cost of seeds	0.300
Transport of trees	0.650
Hoeing of trees	6.900

	121.350
Flying Nursery.	5.860

Administration:

The Unmounted Forest Guard in charge has improved and is doing good work in the plantation and flying nursery. The Ramallah Forest Guard often visits the place.

Copy to:
I. of A. & F. D.C.

SUB INSPECTOR OF AGRIC. & FOREST
SOUTHERN CIRCUIT

The following trees were planted:

Kind of Tree	No.	Age	Cost	Cost of Trees
.. saplings	2500	1 year	\$2.00	47.500
.. saplings	2500	3 months	.25	48.500
.. saplings	2500	6 months	.30	6.500
Total				102.500

Only a little of seeds were sent to the

the 1/2 inch over an inch of 30 mm.

Remarks:

The seeds have been very well. Some of the
 seeds have been up, really about transplanted from
 here. Number of the same given seedlings are being
 well.

Remarks:

.. 1/2 inch

.. 1/2 inch

.. 1/2 inch

.. 1/2 inch

.. 1/2 inch

.. 1/2 inch

.. 1/2 inch

.. 1/2 inch

.. 1/2 inch

Remarks:

The transplanted seeds are in charge of
 improved and is going good work in the plantation and
 giving nursery. The results of the first visit
 to the place.

.. 1/2 inch

212/14

Translation.

16

Sub-Inspector of Agriculture & Forests.

I was informed on Thursday night the 11.10.28 by Rashid Mansour the Forest Guard of the Um Safa Forest Reserves that a number of pine trees were maliciously uprooted. In the same day I went for the inspection of same and I found out that they were 770 of the trees which were planted last year .

I concluded the offence was committed at night for some of the uprooted trees were left on the spot, I think because they were not seen.

I enquired from the labourers who were working there about the time they left the place. They told me that they left it at sunset, and when they came the next morning, they found the trees uprooted. They instantly notified the a/m forest guard who informed me.

Then I proceeded to El-Nebi Saleh village to investigate from a certain man named Abd el Ghani Abd el Rahhaab, the proprietor of the neighbouring piece of land situated near the boundary of the forest from where the trees were uprooted. He denied saying that on that night (Thursday) he was not in his village, he was in Deir Ghassana village where he has taken some olive for sale.

The mukhtar promised to do his best in finding out the offender, after I have told him I shall fine the whole inhabitants of the village if the doer will no be pointed out.

Sgd. A.A. Ramallah.

12.10.28.

Inspector of Agriculture, Chicago.

On the 1st of January, 1918, I was called upon by the Chicago Police Department to investigate a report that a number of persons had been seen in the city of Chicago, in the name of the Chicago Police Department, and that they were the Chicago Police Department.

I was called upon by the Chicago Police Department to investigate a report that a number of persons had been seen in the city of Chicago, in the name of the Chicago Police Department, and that they were the Chicago Police Department.

I was called upon by the Chicago Police Department to investigate a report that a number of persons had been seen in the city of Chicago, in the name of the Chicago Police Department, and that they were the Chicago Police Department.

I was called upon by the Chicago Police Department to investigate a report that a number of persons had been seen in the city of Chicago, in the name of the Chicago Police Department, and that they were the Chicago Police Department.

I was called upon by the Chicago Police Department to investigate a report that a number of persons had been seen in the city of Chicago, in the name of the Chicago Police Department, and that they were the Chicago Police Department.

Very truly yours,

J. H. H. H.

AFFORESTATION 1928 - £P.3,000.

Item 10.

Um Safa

-

£P.136

-

Sub-Insp.of Agric.& For.J'lem.

Outline Scheme of Operations and
Expenditure 1928.

1. Continuation of extsing scheme, and planting of
blank areas in Forest Reserve.

<u>Nursery.</u>		<u>£P.</u>	<u>£P.</u>
Casual labour		21	
Tins and pots		<u>10</u>	31
 <u>Plantation.</u>			
Preparation of soil		55	
Planting and sowing		20	
Ploughing, hoeing and weeding		25	
Transport of plants		<u>5</u>	<u>105</u>
TOTAL:		<u>£P. 136</u>	<u>-----</u>

- NOTES:
- i. Seed to be purchased by and supplied from Headquarters.
 - ii. ? Area, varieties and number of plants.
 - iii. Supervision - 1 unmounted Forest Guard on establishment.
-

Outline table of operations and
Expenditure 1933.

1. Continuation of existing scheme, and clearing of
blank areas in forest reserve.

Expenditure	1933	1934
General labour		
Tins and pots		

Expenditure	1933	1934
Preparation of soil		
Planting and setting		
Planting, hoeing and weeding		
Transplanting of plants		

NOTES: i. Seed to be purchased by and supplied from
local sources.

- ii. Area, varieties and number of plants.
- iii. Supervision - 1 unmounted forest guard
on each plantation.

AFFORESTATION 1928 - £P.3,000

Distribution of Vote.

SOUTHERN CIRCLE.

Items 1 to 11

Total £P. 1958

ITEM	NAME OF PLANTATION.	AMOUNT. £P.	F.A.HOLDER.	REMARKS.
1	Gaza Sand Dunes. (Sand Drift Ord)	371	Sub-Insp.of Agric.& Forests, Gaza.	Completion of existing scheme. See schedule.
2	Gebalia " " " "	217	" " " " " "	Continuation of existing scheme. See schedule. May be incurred for purchase of power plant.
3	Herbia-Jura " " "	324	" " " " " "	New scheme 1928. See schedule.
4	Sheikh Moannis.	447	Insp.of Agric.& For.Jaffa.	New scheme. See schedule.
5	Vale of Sorek	15	S.Insp.of Agric.& F.J'lem.	Completion of existing scheme. See schedule.
6	El Ghoshenneh	100	" " " " " "	Continuation of existing scheme. See schedule.
7	Karn El Dibbeh.	101	" " " " " "	Continuation of existing scheme. See schedule.
8	Khirbet Rabieh.	106	" " " " " "	- do - - do -
9	Wad El Kuff.	136	" " " " " "	- do - - do -
10	Um Safa. ✓	136	" " " " " "	- do - - do -
11	Bab-el-'ad	-	" " " " " "	To await completion of relief scheme and submission of detailed estimate.
TOTAL:		1,953		

Ag/216/15.

file
12th JERUSALEM.
August, 1926.

Experiments with Exotics. C.A.
Indent No. 1691.

Inspector of Agriculture & Forests, M.C., Nazareth.
" " " " " S.C., Jaffa.
S/ " " " " " M.C., Haifa.
S/ " " " " " M.C., Tulkarem.
S/ " " " " " S.C., Jerusalem.

I have despatched 1 kilo of seed of *Acacia Pyramantha* for trial at the following nurseries. The seed should be sown now and plants put out during the coming planting season on sand dunes and in hill country.

2. No charge will be debited to your accounts for this seed, which will be charged to a/c "Seed - Crown Agents".

3. I attach extracts from literature dealing with this species.

4. Considerable quantities of the seed are in stock and on order for trial by the direct sowing method on a larger scale next winter.

DISTRIBUTION.

1 kilo to		Gaza Nursery.
1 " "		Gebulia Nursery.
1 " "		Acre Nursery.
1 " "		Acre Flying Nursery.
1 " "		Jerusalem Nursery.
1 " "		Nablus Nursery.
1 " "		Beisan Nursery.
1 " "		Nazareth Nursery.
1 " "		Hebron Nursery.
1 " "		Um Safa Nursery.
1 " "		Khirbet Habieh flying nursery.
1 " "		Esfia Flying nursery.

copy to 2/2/14

FJT/BN

299
DEPUTY DIRECTOR OF
AGRICULTURE & FORESTS.

Encs:- 1.
Copy to:- File Ag/6/26.
" 1691.

Accounts Clerk to note for
Afforestation accounts.



coll. & index

11

Extract from minute of Staff Conference
Aug. 1926

Apprestation Estimates, 1926/27

(viii) Um Saffa.....

100.

Abstract from minutes of Staff Conference
Aug. 1934

Apparatus Estimates (1934)

November 30th. 1925.

Deputy Director of Agriculture
and Forests,
Carmel.

Subject : Um-Safa - Forests.
Reference: AG/F/SF/110 or 25-11-25.

The forest at Um-Safa was inspected on
15th. of November and I beg to report as follows:-

1. About 40% - 50% of the *Pinus laricio* plants
are doing well, some have grown up to fairly sized
trees, others are at a stand still but promising.

The soil, the aspect of the place and
the protection seem to be very favourable and have
helped the survival of so many plants in such a dry
season.

2. Only a few plants of *Pinus halepensis* have
survived which are rather weak.

3. None of the *Pinus halepensis* or *Acacia*
Cyanophylla grown in seed spots have survived. The
plants were hoed and protected from the hot rays of
the sun with thorn but all this did not help much.

4. Arrangements are being made for more care-
ful transport of the seedlings from nursery beds and
more careful planting in the forest.

DD
AG/F/SF/110
2-DEC 1925
PALESTINE

Sub Inspector of Agriculture & Forests
SOUTHERN CIRCLE.



Director, Bureau of Plant Industry
Washington, D.C.

Reference: 10-11-1911 - Bureau
Circular: 10-11-1911 or 11-11-1911

The Director of the Bureau of Plant Industry
has received information from the
Director of the Bureau of Entomology and
Plant Quarantine, that certain
specimens of the following insects
have been received from the
Director of the Bureau of Entomology and
Plant Quarantine, for the purpose of
determining their identity and
the extent of their distribution.
The specimens are as follows:
1. A specimen of the following insect
received from the Director of the Bureau of
Entomology and Plant Quarantine, for the
purpose of determining its identity and
the extent of its distribution.
2. A specimen of the following insect
received from the Director of the Bureau of
Entomology and Plant Quarantine, for the
purpose of determining its identity and
the extent of its distribution.
3. A specimen of the following insect
received from the Director of the Bureau of
Entomology and Plant Quarantine, for the
purpose of determining its identity and
the extent of its distribution.
4. A specimen of the following insect
received from the Director of the Bureau of
Entomology and Plant Quarantine, for the
purpose of determining its identity and
the extent of its distribution.

DD
10017/20/110

F/L/6/1.

27/11 November 1925.

State Forests.

Reference: Your FSS/S/13 of 20.11.25.

18/6/11/11/11

Sub Inspector of Agriculture
and Forests,
Jerusalem.

....

I enclose herewith one
copy of each of the maps for the
following State Forests :-

Khirbet Rabieh.
Um Safa.
Khan El Ahmar.
Ramallah Road Plantation.

2. Only one copy is available.

Encls:4.

Z. J. L. Mar
ACTING DIRECTOR OF AGRICULTURE
AND FORESTS.

Copy to: AG/F/SF/76.

" " AG/F/SF/110.

" " AG/F/SF/133.

" " AG/F/SF/189.

JM/AG.

F/SF/110.

file 9
25th November, 1925.

State Forest - Um Safa.

Sub Inspector of Agriculture
and Forests, S.C.,
JERUSALEM.

..... I attach schedule of expenditure
authorised for this area for the 1925/26
rainy season. The total sum allowed should
not be exceeded.

2. You should as far as possible
complete the area under treatment, and I
should like the following items to be
included in your programme:-

- (a) Direct sowing of *Pinus laricio* and
Pinus insignis.
- (b) Direct sowing of carob.
- (c) Planting and direct sowing of dif-
ferent cypresses.
- (d) Organise a forest nursery.

3. A careful record of all operations
should be kept - to be preceded by a note
dealing with the period from the close of the
last to the opening of the current rainy sea-
son.

J. J. Enns.
ACTING DIRECTOR OF AGRICULTURE
AND FORESTS.

FJT/DR

Encs:- 1.

Copy to:-

Ag/F/SF/110/1.
Ag/1815/4.

SCHEDULE OF AFFORESTATION WORKS 1st.NOVEMBER,1925 TO 1st.NOVEMBER,1926.

AFFORESTATION LOAN WORKS.

ITEM	NAME OF AREA	O P E R A T I O N S	ESTIMATED COST		REMARKS
			£. m/ms.	£. m/ms.	
<u>K.</u>	Um Safa Forest.	(a) Preparation of planting holes	20.000		
		(b) Transport of plants.....	5.000		
		(c) Planting and sowing	5.000		
		(d) Hoeing and weeding during the spring and summer months.	15.000		
		(e) Wages of 1 guard at £3.500	<u>42.000</u>	87.000	

- NOTES :-
- (1) The operations are necessary to complete planting of blanks in the Um Safa area of State Forest.
 - (2) The guard is necessary in the absence of fencing to protect the plantation from trespass.

F.S.S/P/14.

9
DEPARTMENT OF AGRICULTURE
SERGE BUILDINGS
JERUSALEM.



Director of Agriculture & Forests,
Mount Carmel,
Haifa.

Subject : Wage Sheets - October 1925.

I beg to enclose herewith Wage Sheets in
respect of labourers employed at Um-Safa for general
work.

May this be charged to Afforestation Loan
Fund 24-25 S.W. No.24 and payable to Sub-Inspector of
Agriculture & Forests, Jerusalem.

5 176/E/84/110
OCT 1925
PALESTINE
Sa to.

Paid by aff/969 of 23/10/25

ag
SUB INSPECTOR OF AGRICULTURE & FORESTS
SOUTHERN CIRCLE.

1941-1942
1943-1944
1945-1946



IN THE
CITY OF
NEW YORK
COUNTY OF
NEW YORK

Subscribed and sworn to before me this _____ day of _____, 19____.

Notary Public in and for the State of New York

My commission expires on _____ day of _____, 19____.

W. J. [Signature]

All Communications to be addressed to
DIRECTOR OF AGRICULTURE & FORESTS,
HAIFA.

DEPARTMENT OF AGRICULTURE, FORESTS & FISHERIES,
Mt. CARMEL,
HAIFA.

8

reply please quote

No. Ag./E/SF/110/4

Telephone:—No. 31. Haifa.

12th September, 1925.

Subject: UM SAFA PLANTATION.

Sub-Inspector of
Agriculture & Forests, S.C.,
Jerusalem.

The following is a statement of
account to 31-8-25 which should be reconciled with
your books:-

Allotment-Um Safad Plantation... .. £E. 30.000

Expenditure to 31-8-25... .. £E. 21.340

Estimated expenditure during
September NIL

Total Estimated expenditure up to 30-9-25 £E. 21.340

Estimated balance on 1-10-25 £E. 8.660

You may expend the balance, viz.
£E. 8.660 m/ms., if necessary. Otherwise the sum
will be carried forward and added to a new credit
which it is hoped will be available if my application
for Fresh Loan Funds for afforestation is approved.

H. J. L.
ACTG/DIRECTOR OF
AGRICULTURE & FORESTS.

FJT/G.

F.S.8/A/22

7^a
DEPARTMENT OF AGRICULTURE
SERGE BUILDINGS
JERUSALEM.



Deputy Director of Agriculture
and Forests,
Carmel.

Subject : Afforestation at Um-Safa "Ramallah
Sub-District.

The small forest areas in Ramallah Sub-District are different from any other forest in the Southern Circle being natural pine forests. The country around is very favourable for pine and must have been covered with Pine forests in the past.

We have chosen for our work an area in Um-Safa village known as "Kournet Ain Kawabeesh".

This forest is situated on a regular hill, at spots some old terraces can be easily noticed showing that this area was cultivated in the past but that it has been neglected for many years and is at present being covered with Pine and other trees.

The rainfall in this region was not measured but an average rainfall of 500-600 mms. may be expected yearly. The climate is warm in summer with cool nights; in winter it is rather cold. The climate may be considered as very favourable for tree-growth.

The soil is rich both in humus and lime and is very adaptable to pine.



50125

The natural generation is mainly composed of:-

Undergrowth:-

Alkana orientalis (Libed).
Salvia triloba (Meramiyen).
Poterium spinosum (Natash).
(Kandol).

Shrubs & Trees:-

Pinus halepensis.
Quercus coccifera.
Pistachia Terebinthus.
" Lentiscus.
Phillyrea media.
Ceratonia siliqua.
Arbutus Andrachue.

The pines distribute their seeds which germinate quite readily. Were it not for grazing and the tramping by goats and sheep - a dense pine forest would have developped slowly.

This forest area was closed and prepared for plantation. All the blank areas were either sown to Acacia or Pinus halepensis or they were planted to Pinus halepensis seedlings from beds. The seedlings were dug out and put in large tins about 200 to a tin and taken over to the plantation in a car.

About 5000 pine seedlings were planted.

The appointment of a Forest Guard to protect and control this adjacent forest areas will be of great help to this work. The guard in charge will do all the hoeing, and all the preparations for the next season. A small

What area
What planting
duration
What age.

nursery may be started near the nursery for all the afforestation work in Ramallah Sub-District which will also be run by the same forest guard.

Good results can not be expected in such years of drought, but there is no doubt that in normal years results will be good.

Cost of Planting in 1924-1925:-

Digging holes.	10.000
Sowing.	1.800
Seeds.	4.020
Planting.	3.420.

	££. 19.240

Hoeing and heaping of pines will be required to retain the soil moisture in the ground.

Handwritten signature
SUB INSPECTOR OF AGRICULTURE & FORESTS
SOUTHERN CIRCLE.

Copy to:-

I. of A. & F. S.C.,
Jaffa.



March, 1925.

Sub-Inspector of Agriculture
and Forests, B.C.,
JERUSALEM.

DEPUTY DIRECTOR OF AGRICULTURE
AND FORESTS.

Inspector of Agriculture & Forests, Jaffa.
S/Inspector of " " " " Acre.



PALESTINE GOVERNMENT

1924-25

F.S.S/ F/16

5
DEPARTMENT OF AGRICULTURE
SERGE BUILDINGS
JERUSALEM.



Deputy Director of Agriculture
and Forests,
Carmel.

Subject : Flying Nurseries.

The interest in afforestation of the country seems to be keenly felt by the people and the Government after this ~~A~~ rainless year. As we have already decided to start one flying nursery in Khirbet-Rabieh for the forests of Deir-El-Hawa, Deir-Aban, Jerash, Sifla, and Beit-Etab I beg to suggest to open another flying nursery at Ain-El-Kawabish near Um-Saffa (Ramallah) for the forests of Um-Saffa, Deir-Sudan, Nabi-Saleh, Beit-Illo and Deir-Nizzam.

This work and the protection of our forests in Um-Saffa will require a permanent guard who will have to attend to constructive forestry only. May we start this work at once with the little funds available for afforestation with the hopes of being authorized to appoint a guard in the new Financial Budget who will be in charge of the nursery.

afu
SUB INSPECTOR OF AGRICULTURE & FORESTS
SOUTHERN CIRCLE.



49536



General
and
Secretary

Section : General

The interest in the situation of
the country seems to be keenly felt by the
people and the Government after the
recent year, and we have already decided
to start one of the new projects in the
for the benefit of the people, and to
secure the best results in the future
to open up the country to the people.

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47

1935/1/10

F.S.S/P/14.

DEPARTMENT OF AGRICULTURE
SERGE BUILDINGS
JERUSALEM.

4a

December 14th. 1924.



Deputy Director of Agriculture,
and Forests,
Carmel.

Subject : Wage - Sheets - December 1924.

Herewith please Wage Sheets in respect of labourers
who were employed for sowing purposes - at Um-Safa.

May these be charged to Afforestation Loan Fund 24-25
S.W. No. 24 and payable to Sub-Inspector of Agriculture & Forests,
Jerusalem.

Enclosures. 4.



SUB INSPECTOR OF AGRICULTURE & FORESTS
SOUTHERN CIRCLE.

R/

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